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NOV 20 2000
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PATENT

1 2. (Amended) The chimeric RSV of claim 1, wherein the chimeric genome or
2 antigenome comprises a partial or complete human RSV genome or antigenome of one RSV
3 subgroup [or strain] combined with a heterologous gene or gene segment from a different,
4 human [or non-human] RSV subgroup [or strain].

1 3. (Amended) The chimeric RSV of claim 2, wherein the heterologous gene or
2 gene segment is from a human RSV subgroup A[,] or human RSV subgroup B[, bovine RSV
3 or murine RSV].

1 52. (Amended) An isolated polynucleotide molecule comprising a chimeric
2 RSV genome or antigenome which includes a partial or complete human RSV genome or
3 antigenome of one RSV strain or subgroup virus combined with a heterologous gene or gene
4 segment of a different human RSV strain or subgroup virus.

1 53. (Amended) The isolated polynucleotide molecule of claim 52, wherein the
2 chimeric genome or antigenome comprises a partial or complete human RSV genome or
3 antigenome of one RSV subgroup [or strain] combined with a heterologous gene or gene
4 segment from a different, human [or non-human] RSV subgroup [or strain].

1 54. (Amended) The isolated polynucleotide molecule of claim 52, wherein the
2 heterologous gene or gene segment is from a human RSV subgroup A[,] or human RSV
3 subgroup B[, bovine RSV, avian RSV, or murine RSV].

1 64. (Amended) [A method] An expression vector for producing an infectious
2 attenuated chimeric RSV [particle from] comprising an isolated polynucleotide according to
3 claim 52 operably linked with a transcriptional promoter and a transcriptional terminator [one
4 or more isolated polynucleotide molecules encoding said RSV, comprising:

5 expressing in a cell or cell-free lysate an expression vector comprising an
6 isolated polynucleotide comprising a chimeric RSV genome or antigenome and RSV N, P, L
7 and RNA polymerase elongation factor proteins].